

Amendments to the Specification:

Please add the following paragraphs to the BRIEF DESCRIPTION OF THE DRAWINGS on page 6 of the specification as follows:

Figures 7A and 7B are cross-sectional views illustrating a portion of an end-effector in accordance with another embodiment of the invention.

Figure 8 is a cross-sectional view illustrating a portion of an end-effector in accordance with still another embodiment of the invention.

Please amend paragraph [0046] on page 15 of the specification as follows:

[0046] It will be appreciated that the sensor assembly 330 in either the embodiment shown in Figures 5A and 5B or the embodiment shown in Figure 6 can be electrical contacts or other types of mechanical sensors. Referring to Figures 7A and 7B, For example, instead of using an emitter and receiver as described above, the a detector 440 can include first and second contacts 442 and 444 for an electrical circuit that is opened or closed according to the position of the pin 332. The first and second contacts 442 and 444 for the electrical circuit can be located at the emitter 342 and receiver 344 sites (shown in Figure 3), respectively. The pin 332 can accordingly include a conductive portion 450 at the second end 336, for the embodiments shown in Figures 5A and 5B. The conductive portion 450 of the pin 332 can be configured to engage the first and second contact sites 442 and 444 when the pin 332 is driven downward by a workpiece. Referring to Figure 8, or a sensor assembly 330 in accordance with still another embodiment includes a conductive section 460 at the location of the window of 337 in the embodiment shown in Figure 6. The conductive portion 450 of the pin 332 can be configured to engage the contact sites conductive section 460 when the pin 332 is driven downward by a workpiece. Therefore, it will be appreciated that other embodiments of sensor assemblies can be used in conjunction with passive edge-grip end-effectors in accordance with other embodiments of the invention.